

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (CURRENTLY AMENDED) A contact arrangement having a battery [(1)] and an electrical line [(4)], the battery having a connection terminal [(2)] for connecting the electrical line [(4)], the electrical line [(4)] having a connection piece [(3)] for connection to the connection terminal [(2)], the connection piece [(3)] or the connection terminal [(2)] having a permanent magnet [(7)], characterized in that the connection terminal [(2)] or the connection piece [(3)] has an electromagnet [(8)] having a core [(18)] and a magnet coil [(17)], in that the permanent magnet [(7)] of the connection terminal [(2)] or the connection piece [(3)] is associated with the electromagnet [(8)] of the connection piece [(3)] or of the connection terminal [(2)], the permanent magnet [(7)] exerting a magnetic force for the purpose of retaining or repelling the core [(18)], and in that the electromagnet [(8)] counteracts the force effect of the permanent magnet [(7)] owing to the supply of current, such that it is possible for the connection terminal [(2)] to attract or repel the connection piece [(3)].

2. (CURRENTLY AMENDED) The arrangement as claimed in claim 1, characterized in that a plurality of permanent magnets [(7)] are arranged in the connection terminal [(2)] of the battery [(1)] and/or in the connection piece [(3)] of the line [(4)], in that a plurality of electromagnets [(8)] are arranged in the connection terminal [(2)] and/or in the connection piece [(3)], in that the permanent magnets [(7)] are arranged symmetrically around an electrical contact piece [(6, 5)] of the connection terminal [(2)] and/or of the connection piece [(3)], in that the electromagnets [(8)] are arranged symmetrically around the electrical contact piece [(5, 6)] of the connection terminal [(2)] and/or of the connection piece [(3)], the permanent magnets [(7)] of the connection terminal [(2)] and/or of the connection

piece [(3)] being associated with the electromagnets [(8)] of the connection piece [(3)] and/or of the connection terminal [(2)].

3. (CURRENTLY AMENDED) The arrangement as claimed in claim 2, characterized in that only electromagnets are arranged in the connection piece [(3)] or in the connection terminal [(2)] and only permanent magnets [(7)] are arranged in the connection piece [(3)] or in the connection terminal [(2)].

4. (CURRENTLY AMENDED) The arrangement as claimed in ~~one of claims~~ claim 1 [[to 3,]] characterized in that the connection piece [(3)] has an electrically conductive contact piece [(6)], in that the connection terminal [(2)] has an electrically conductive contact piece [(5)], in that the contact pieces [(5, 6)] have contact faces, and in that, in the contact state, the contact faces of the contact pieces [(5, 6)] bear against one another and make electrically conductive contact with one another.

5. (CURRENTLY AMENDED) The arrangement as claimed in ~~one of claims~~ claim 1 [[to 4,]] characterized in that the permanent magnets [(7)] associated with one another in the connection piece [(3)] and the connection terminal [(2)] and the cores [(18)] of the electromagnets [(8)] have magnetic polarizations which bring about mutually repelling magnetic forces.

6. (CURRENTLY AMENDED) The arrangement as claimed in ~~one of claims~~ claim 1 [[to 4,]] characterized in that the permanent magnets [(7)] and cores [(18)] of the electromagnets [(8)] associated with one another in the connection piece [(3)] and the connection terminal [(2)] have magnetic polarizations which bring about mutually attracting magnetic forces.

7. (CURRENTLY AMENDED) The arrangement as claimed in ~~one of claims~~ claim 1 [[to 6,]] characterized in that the connection terminal [(2)] or the connection piece [(3)] has four permanent magnets [(7)], which are arranged on a circle around the respective contact piece [(6, 5)] of the connection terminal [(2)] or of the connection piece [(3)].

8. (CURRENTLY AMENDED) The arrangement as claimed in ~~one of claims~~ claim 1 [[to 7,]] characterized in that the permanent magnets [(7)] and/or the magnet cores [(18)] of the electromagnets [(8)] are set back from the contact face of the connection piece or of the connection terminal [(2)] via a spacer layer [(14)].

9. (CURRENTLY AMENDED) The arrangement as claimed in ~~one of claims~~ claim 1 [[to 8,]] characterized in that, in the contact state, only the contact pieces of the connection piece [(3)] and of the connection terminal [(2)] come into contact with one another.

10. (CURRENTLY AMENDED) The arrangement as claimed in ~~one of claims~~ claim 1 [[to 9,]] characterized in that a connection piece [(3)] or a connection terminal [(2)] has a plurality of electromagnets [(8)], and in that the magnet coils [(17)] of the electromagnets [(8)] are connected in series, and contact can be made with them via two connections [(12, 13)] on the connection piece [(3)] or on the connection terminal [(2)].

Cancel claims 11 and 12.